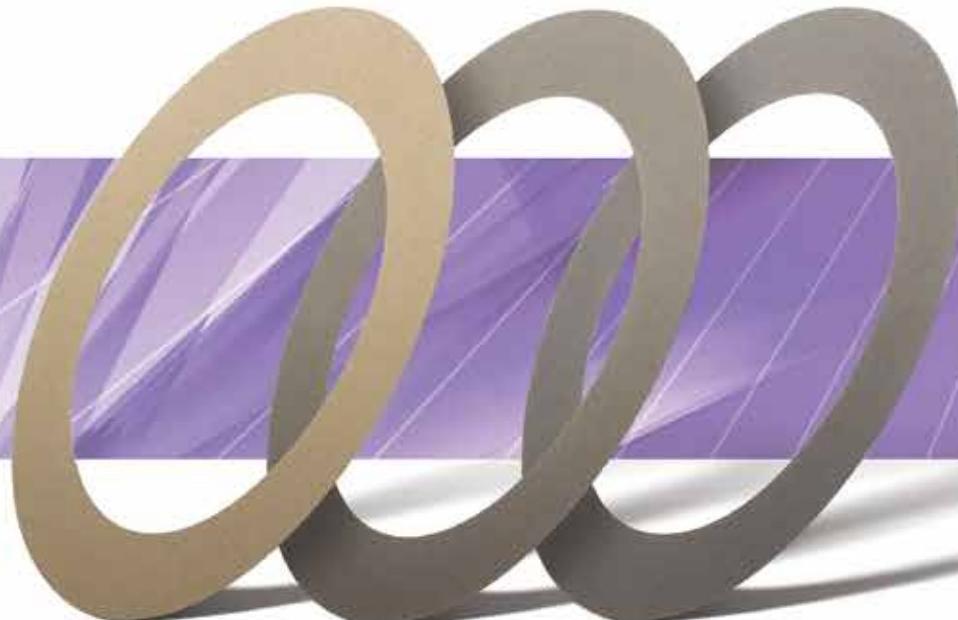
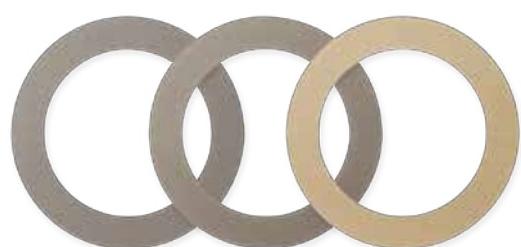
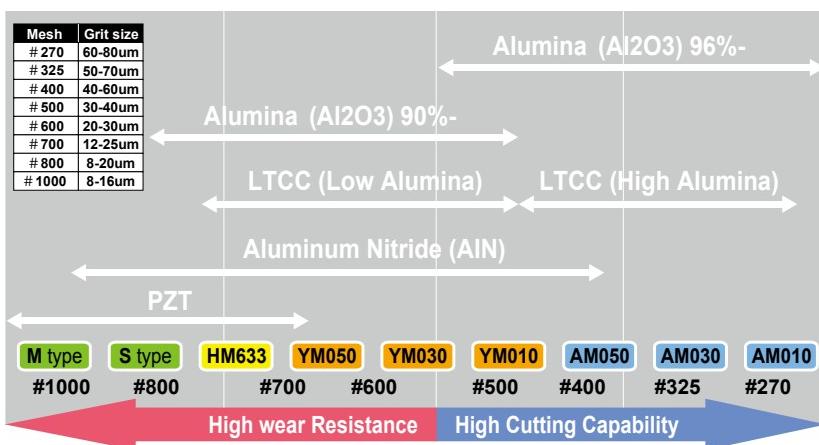


PRECISION ACCRETECH BLADE
METAL BOND BLADES
 FOR CERAMICS
YM/AM series



**Metal blade series capable of cutting high-density ceramics.
 Realizes extended life of blades.**



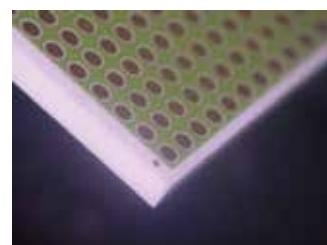
■ Processing example AM series



■ Alumina Cutting

AM series holds the sharp cutting performance for providing the vertical cutting capability to resolve a protrusion issue in segmentation process beyond the cutting ability of conventional Metal Blades Machines.

■ Processing example YM series

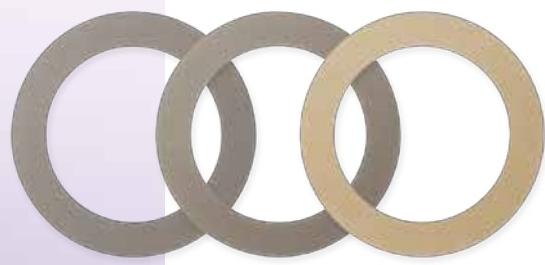


■ LTCC Cutting

Improved cutting ability has realized the cutting without chipping and cracking even for thick LTCC. YM030 is used.

PRECISION ACCRETECH BLADE

METAL BOND BLADES
FOR CERAMICS

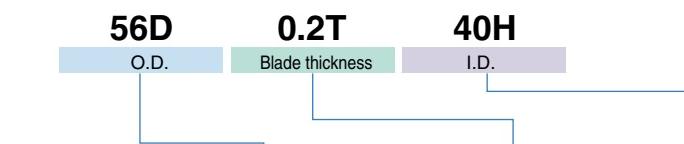


YM/AM series

■ Specification

1A8
Shape
MD 400 - 50 AM030
Grit type Mesh Concentration Bond

■ Dimension



■ Standard Dimension

O.D. (mm)		Blade thickness (mm)		I.D. (mm)	
Availability size	Tolerance	Availability size	Tolerance	Availability size	Tolerance
50 to 120	+ 0.05 - 0	0.08 to 0.4	± 0.005	25.4 to 88.9	H6

#325 is ±0.01.

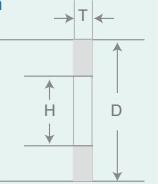
■ Grit type

MD	Standard grit type
XD	Coating grit type

■ Concentration

25 to 125

Size Specification



■ Availability by mesh size

Mesh size	MD	XD
4000	•	
2500	•	
2000	•	
1300	•	
1200	•	•
1000	•	•
800	•	•
700	•	•
600	•	•
500	•	•
400	•	•
325	•	•

■ Available blade thickness by mesh size

Mesh size	Blade thickness (mm)				
	0.08 to <0.1	0.1 to <0.15	0.15 to <0.2	0.2 to ≤0.4	
4000	•	•	•	•	
2500	•	•	•	•	
2000	•	•	•	•	
1300	•	•	•	•	
1200	•	•	•	•	
1000	•	•	•	•	
800	•	•	•	•	
700		•	•	•	
600		•	•	•	
500		•	•	•	
400			•	•	
325				•	

■ Bond

YM010	Soft
YM030	Standard
YM050	Hard

YM Series for ceramics

AM010	Soft
AM030	Standard
AM050	Hard

AM Series for alumina ceramics

■ Ordering the product

When ordering our product, please refer to our catalog and let us know the details of the product as below.

- 1) Shape and size/ Detailed blade shape and precision.
- 2) Specifications/ Desired specification as well as the current in-use blade.
- 3) Cutting work and condition/ Machine in use, RPM, feed speed, coolant flow rate.

■ Precautions

In order to use the product safely and to bring out the best of the blade's performance, please make sure to thoroughly read the specifications and other related materials of the product.

* The catalog is subject to change without notice.

* The catalog is not to guarantee the product quality.

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